

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Shen-ge WANG et al.

Application No.: 09/683,540

Filed: January 16, 2002

Docket No.: 107376

For: WATERMARKED IMAGE GENERATOR AND METHOD OF EMBEDDING
WATERMARKS INTO AN INPUT IMAGE**PRELIMINARY AMENDMENT**Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Prior to initial examination, and in response to the February 4 dated Notice to File
Corrected Application Papers, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please delete paragraphs [0029] through [0031], [0088] and [0090].

Please replace paragraphs [0032], [0089], [0092] and [0097] as follows:

[0032] Fig. 17 is a flow chart illustrating the embedding of binary segmentation
values into an input image using the second embodiment of the method for embedding a
watermark into an image according to this invention.

[0089] The third embodiment of the watermark embedding method according to this
invention is coded in C and tested. All test images are halftoned and printed at 600 dots per
inch (dpi), then scanned at 600 dpi. Each 2x2 block of pixels is manually classified into three
classes: pictorial regions, text and graphics on solid background, and text and graphics on
halftone background. The black regions indicate pictures, the gray regions indicate text on

